

System Upgrades of the NASA SLR Network

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ABSTRACT

The NASA SLR Network has been fully operational in the field for over twenty years. During this time the Network has seen many modifications and upgrades to maintain system operations and more importantly, to increase data quantity and quality. Through a declining budget, NASA continues to ensure system operations and performance are maintained at the highest level. During the last two years, the MOBLAS, TLRS, MLRS, and HOLLAS have received both hardware and software changes to maintain and enhance system operations. This poster paper will detail the upgrades to the timing subsystem, the receiver subsystem, the laser subsystem, the communications subsystem, the mount subsystem, and the processing software of the NASA SLR Network.